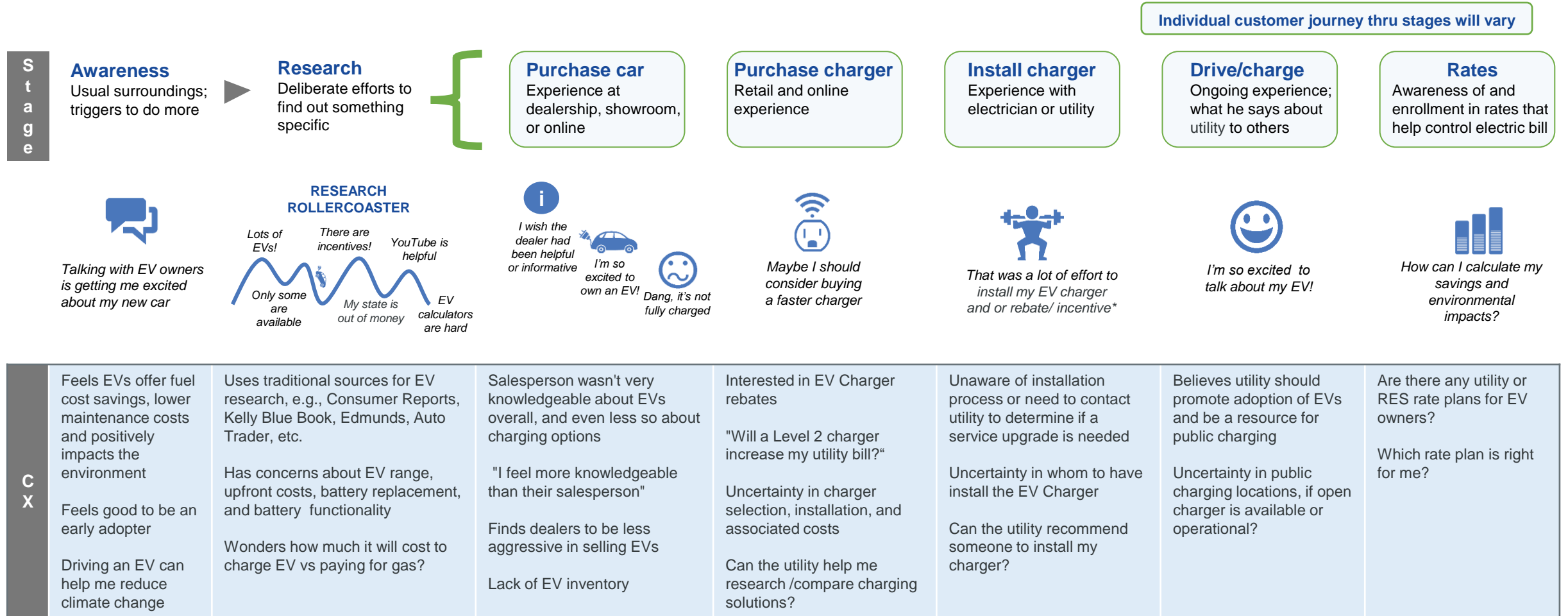


Residential EV Customer Journey and EV Toolkit Demo

February 7, 2022

EV Residential Current-State Journey

Research confirms that the customer has many pain points along their EV Journey and the customer experience (CX) can be improved



* If Applicable

EV Toolkit Demo



EVsmartSM

Explore smarter, cleaner transportation options
with an electric vehicle (EV).

- » Whether you're an EV driver or considering buying an EV, our ComEd EVsmart Program gives you the tools and information you need to charge faster, smarter, and more conveniently than ever before.
- » There's a lot to learn about EVs! Explore your options at ComEd.com/EV

Appendix

ComEd[®]

An Exelon Company

powering lives

Interested in an EV?

Explore our tools and resources to see if EVs are right for you.



Savings, Benefits & Incentives

Discover everything about EVs and calculate your potential fuel cost savings.

[Learn More](#)



Find Vehicles and Chargers

Review the latest EV brands, models and charger options.

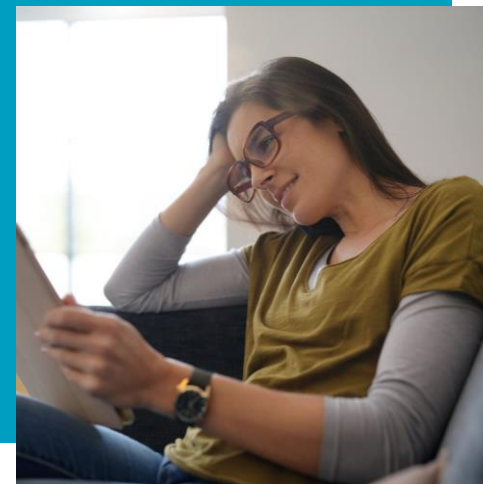
[Learn More](#)



Search for Public Charging

Find a public charging station near you or wherever you may go.

[Learn More](#)



Explore your options
at ComEd.com/EV

EV Fuel Cost Calculator

- » Calculate your potential fuel cost savings when switching from a gas vehicle to an EV
- » Allows personalized entries for the:
 - Price for a gallon of gas
 - Gas vehicle you currently own
 - EV that you are interested in
 - Number of miles driven each year
- » The calculator estimates:
 - How many more miles you can drive an EV for the price of a gallon of gas vs. your gas vehicle
 - How much you potentially could save in fuel costs annually and over 5 years

[Learn More](#)

Savings, Benefits & Incentives

Savings Calculator

Commute Savings

EV Benefits & Facts

Savings & Benefits

Estimate your Potential Savings

How far does **\$3.55** drive your car?

Select the rate that applies to the time you will charge.

☐ Rate BES (ComEd default fixed-price rate)

\$.115/kWh*

☐ Rate BES-H (Hourly Pricing 24-hr avg price)

\$.111/kWh**

☒ Rate BES-H (Hourly Pricing overnight avg price)

\$.074/kWh***

EV gets you this many more miles for the price you pay for a gallon of gas.

163 mi



Local fuel price/gallon

\$ **3.55**

Est. MPG of gas vehicle

23.00

2010

Honda

Accord - Automatic 5-sp

Est. mile/kWh for EV

3.870

2022

Tesla

Model 3 Long Range AW

Utility kWh rate*

\$ **0.0740**

Find an All Electric or Plugin Hybrid EV that's right for you

- Enter your search priorities in order of importance
- Review the list of EV models that may be appropriate for you
- Receive information on price, range, charge time, and currently available Federal Tax Credits by model

[Learn More](#)

Find Vehicles & Chargers

All-Electric Models

Plug-In Hybrid Models

EV Chargers

All-Electric Vehicle Model Information

This list is intended to provide general information about electric vehicle models. These prices are only estimates, actual prices may vary significantly based on dealership, geographic location and vehicle option packages. This list may not include all available electric vehicle models and does not include hybrid electric vehicles (HEV) or plugin hybrid electric vehicles (PHEV). Please consult local dealerships and manufacturer websites for additional information.

YEAR ☐ 2018 ☐ 2019 ☒ 2020

MANUFACTURER

All Brands

PRICE RANGE*

Lowest to Highest

RANGE PER CHARGE

Longest to Shortest

CHARGE TIME (LEVEL 2)

Least Hours to Charge

EFFICIENCY (KWH/MI)

More Efficient

Sort Order

1 2 3 4

1 2 3 4

1 2 3 4

1 2 3 4

2020 Chevrolet Bolt EV

Estimated Price: **\$30,000 to \$40,000**

Technology: **All-Electric EV**

Range: **259 miles/charge**

Battery Capacity: **66.0 kWh**

kWh Consumption/100 miles: **28.7**

Charge Time (Level 2): **10.0 Hours**

Federal Tax Credit: **Phase out initiated**

\$7,500 Before 03/31/2019

\$3,750 04/01/2019 - 09/30/2019

\$1,875 10/01/2019 - 03/31/2020



source: gm media

EV Incentives & Promotions

» Learn about available Federal Tax credits

- Electric vehicles
- EV charging equipment

» This area will be updated as new promotions and incentives become available

[Click Here](#) and then select “Savings & Benefits”

[Savings Calculator](#)
[Commute Savings](#)
[EV Benefits & Facts](#)
[EV Incentives & Promotions](#)

Electric Vehicle Federal Tax Credit up to \$7,500

A federal income tax credit up to \$7,500 is available for the purchase of a qualifying EV. The minimum credit amount is \$2,500, and the credit may be up to \$7,500, based on each vehicle's battery capacity and the gross vehicle weight rating. Your eligibility for income tax credits depends on your personal tax situation. We recommend speaking with a tax professional for guidance.

The credit begins to phase out for each vehicle manufacturer once they have sold 200,000 eligible electric vehicles in the United States (as counted from January 1, 2010). The IRS will announce when a manufacturer exceeds this production volume and will announce the subsequent phase out schedule on the IRS website.

- Consult your tax adviser to make sure you qualify
- Max tax credit \$7,500
- Restrictions apply. Subject to change without notice

[Print Brochure](#)

INCENTIVE INFORMATION

Electric Vehicle Federal Tax Incentive up to \$7,500

[CHECK IT OUT](#)

IRS Federal TaxCredit Program

\$30,000 Sample new vehicle price

-\$7,500 Federal Tax Credit* (Subject to change)

\$22,500 Estimated cost. Does not include taxes, licensing & other fees.

*Federal Tax Credit calculation varies by car model and is subject to change. Visit the IRS website and consult a tax professional to make sure you qualify.

EV Charging Equipment Federal Tax Credit up to \$1,000

Consumers who purchase qualified residential fueling equipment prior to December 31, 2020, may receive a tax credit of 30% of the cost, up to \$1,000. Permitting and inspection fees are not included in covered expenses.

NOTE: This incentive originally expired on December 31, 2016, but was retroactively extended through December 31, 2020, by Public Law 116-94.

- Tax credit may be available for installations that took place in 2018 and 2019
- Consult a tax professional to see if your installation qualifies
- Visit IRS website for additional information

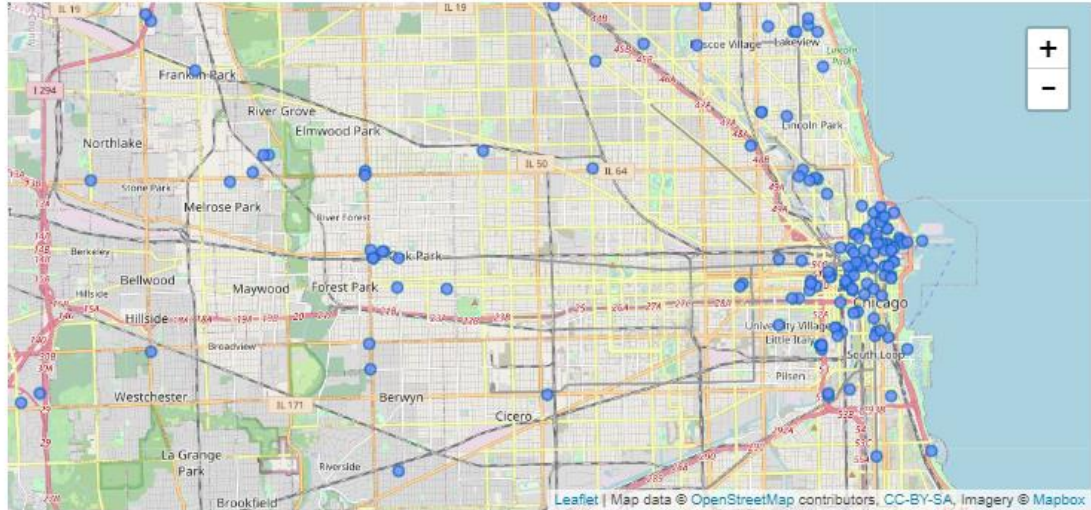
[Print Brochure](#)

INCENTIVE INFORMATION

Find a Public Charger

- While many EV owners enjoy the convenience of charging at home, others may need to utilize public charging
- Our tool allows you to find public chargers by zip code
 - See locations on a map and individual listings

[Learn More](#)



Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox

CHARGER LEVEL:

DC FAST:

Showing 1 - 25 of 152

PREV NEXT

MILLENNIUM GRGS

5 S Columbus Dr
Chicago, IL, 60601
888-758-4389

ACCESS: Public
NETWORK: [ChargePoint Network](#)
PLUG TYPES: NEMA520
PRICING: Free
HOURS: 24 hours daily

INTERPARK

17 E Adams St
Chicago, IL, 60603
888-758-4389

ACCESS: Public
NETWORK: [ChargePoint Network](#)
PLUG TYPES: J1772, NEMA520
PRICING: Free
HOURS: 24 hours daily

I Have an EV, What's Next?

Get the most out of your EV with our available resources.



Register Your EV

Register your vehicle with ComEd to help us assess your electric service needs and maintain the reliability of electric service in your community.

[Learn More](#)



Choose an EV Charger

Find a charger that fits the needs of your EV.

[Learn More](#)



Find the Right Rate

Explore available rate options and see what works best for you.

[Learn More](#)



Check Your EV Charger Readiness

Review the checklist to help make sure your charger installation goes smoothly.

[Learn More](#)

Find an EV Charger that's right for you

- Enter your search priorities in order of importance
- Review the list of EV Charger models that may be appropriate for you
- Receive information on estimated price, charger type, plug type, and if it is WiFi Enabled by model
- Select models are available for purchase directly on the ComEd Marketplace

[Learn More](#)

Level 2 Charger Information

We're providing basic information about electric vehicle Level 2 240-volt charger models to help you understand the various performance attributes to consider when making a purchase. We try to keep the information up to date, but models and attributes change frequently. Please refer to manufacturers for additional details.

Manufacturer	Price Range*	Amperage	Wifi Enabled
Enel x	Lower to Higher	Lower to Higher	Show all Models
Sort Order ?	1 2	1 2	
ENERGY STAR Certified			
Show all Models			

Model: JuiceBox Pro 32 WiFi

Charger Type: **Level 2**

Estimated Price: **\$400 to \$700**

Plug Type: **SAE J-1772**

Voltage: **240**

Amperage: **32**

Primary Use: **Residential**

Connectable/WiFi Enabled: **Yes**

ENERGY STAR: **Yes**



Model: JuiceBox 40 WiFi

Charger Type: **Level 2**

Estimated Price: **\$400 to \$700**

Plug Type: **SAE J-1772**

Voltage: **240**

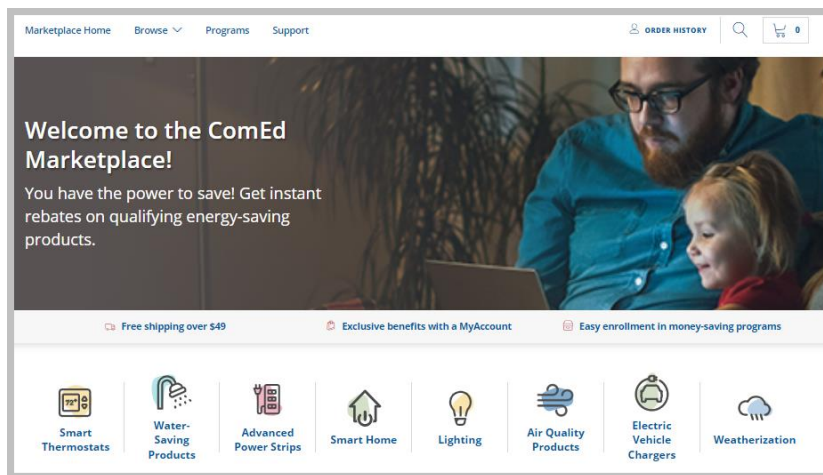
Amperage: **40**

Primary Use: **Residential**

Connectable/WiFi Enabled: **Yes**

ENERGY STAR: **Yes**

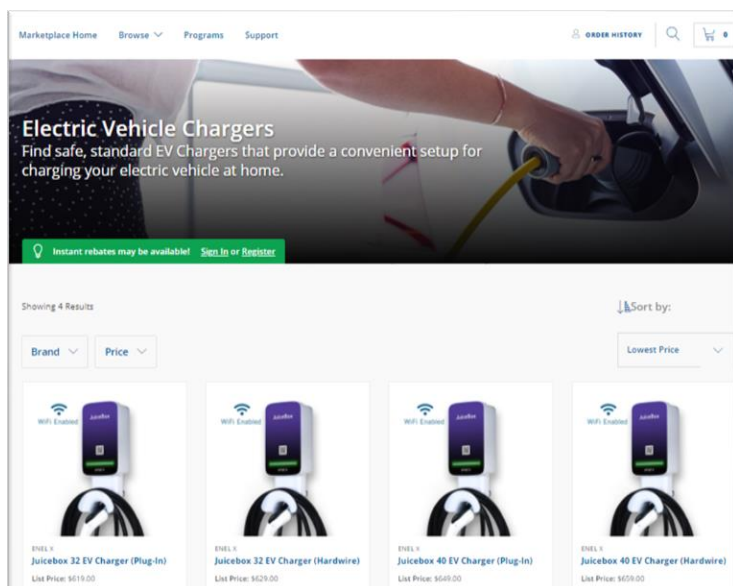




EV Chargers on Marketplace

*The ComEd Marketplace is a **customer service platform**, that customers use and from which they obtain information about and access to select products and services that help them better understand, manage, and control their energy use.*

[Visit ComEd Marketplace](#)



Streamlined Customer Journey: *Customers are now able to connect directly from the EV Toolkit's Charger comparison page to Marketplace's Electric Vehicle Chargers page to complete a purchase*

EV Rate Options

There are 4 rate options for ComEd residential customers

» **Basic Electric Service (BES) Rate (i.e., fixed price rate).**

» **Hourly Pricing Rate**

- Electricity prices vary by the hour, and customers can manage their costs by shifting some of their electricity use to times when prices are lower (typically during night and weekend hours).
- Because most EV drivers charge overnight, enrolling in ComEd's Hourly Pricing program allows them to take advantage of lower prices and reduce their electric vehicle's fueling costs.

» **Time of Day Pricing Rate (Pilot)**

- Offers three different pricing periods. Prices are highest when the electricity is most in demand (typically mid-afternoon and early evenings) and lowest in the late evenings and early mornings when electricity is least in demand.

» **Delivery Services Rate**

- Available for customers who elect to have their electricity supplied by others than ComEd.

Rate Options

Electric vehicles need to be plugged into a source of electricity, just like a cell phone or a laptop computer, to charge their batteries. And, since electricity will be the new fuel for your transportation, the rate you pay for electricity will likely become more important.



Available Supply Rates

There are four rate options available to ComEd residential customers: ComEd's Fixed-Price rate (BES), ComEd's Hourly Pricing rate (BESH), ComEd's Time-of-Day pilot rate (RTOD) and a Delivery Services rate (RDS). Rate BES is the applicable default rate for residential customers unless another rate option is chosen.

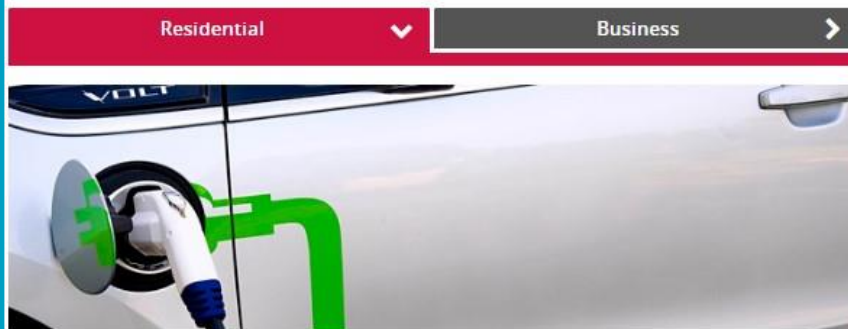
*Additional information on rate options can be found below and in [Rates & Tariffs](#).

Fixed-Price Rate (BES)

With ComEd's fixed-price rate, Rate BES (Basic Electric Service), you pay a fixed price for your electricity supply. This price varies by season; it is adjusted periodically but it does not change from hour to hour or from day to day. You pay the same price for electricity no matter what time of day or which day you use it. [View Rate Information](#).

Hourly Pricing Rate (BESH)

EV Charger Readiness



Are you considering purchasing an electric vehicle? Follow our simple checklist to get your home EV-ready.

1. Assess your charging needs

Ask a few key questions to determine your charging needs. How far can your EV travel on a full-charge? What distance do you normally drive each day, including miles traveled to and from work? Is there an opportunity for charging at or near your workplace or at a local retailer? What time of day do you plan to charge your EV, and for how long? Did you know, depending on your supply rate, you may benefit from lower electric rates by charging your EV overnight?

2. Determine your charging level

Charging Level	Power Requirements	Additional Equipment Required	Typical Charging Time*
Level 1	120-volt AC, 15 amps	None. Standard, grounded, three-prong 120-volt outlet with ground fault circuit interrupter (i.e. GFCI) typically already available.	9-24 hours
Level 2	240-volt AC, 15-30 amps	Requires installation of Electric Vehicle Supply Equipment (EVSE), i.e. a charging station, with a standard SAE J1722 connector for the vehicle and potential upgrades to the home's electrical wiring and panel(s)	4-8 hours

Upgrading or Installing New Service?

If you need assistance with upgrading or installing new electric service for a charger, call 1-866-NEW-ELEC (1-866-639-3532).

Is Your Home EV Ready?

» Are you considering purchasing an electric vehicle? Follow our simple checklist to get your home EV-ready.

1. Assess your charging needs
2. Determine your charging level
3. Select your electric rate
4. Consult an electrical contractor
5. Obtain permits
6. Install your charging station
7. Have the inspection performed
8. Charge your vehicle

[Learn More](#)